

Title (en)

METHOD FOR AMPLIFYING AND/OR DETECTING NUCLEIC ACIDS AND USES OF SAID METHOD

Title (de)

VERFAHREN ZUR VERSTÄRKUNG UND/ODER ERKENNUNG VON NUKLEINSÄUREN UND VERWENDUNGEN DES VERFAHRENS

Title (fr)

PROCEDE D'AMPLIFICATION ET/OU DE DETECTION D'ACIDES NUCLEIQUES ET UTILISATIONS DE CE PROCEDE

Publication

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Application

EP 10706692 A 20100104

Priority

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Abstract (en)

[origin: WO2010076546A1] The present invention relates to an amplification and/or detection method that can dispense with the contaminants in a liquid biological sample containing nucleic acids of interest to be amplified, the method including the following steps: a) chemically or enzymatically treating the biological sample to enable one type of base of said nucleic acids of interest to be converted into another type of base; b) adding amplification primers for specifically amplifying said converted nucleic acids of interest, each primer being made up of three different types of bases; c) adding to the biological sample, after said treatments, the reagents required for amplification, such as aqueous solution(s), solvent(s), nucleotides, enzyme(s), as well as said previously synthesised primers; d) placing said solution and the reagents in conditions that enable the amplification and/or detection of converted nucleic acids. The invention also relates to a kit for implementing such a method, as well as to a use of said method or kit specifically for amplifying and detecting bacterial, eubacterial, fungal, pan-fungal, viral, or yeast targets. The invention can preferably be used in the field of diagnostics.

IPC 8 full level

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T. MOHAMMADI ET AL: "Optimization of Real-Time PCR Assay for Rapid and Sensitive Detection of Eubacterial 16S Ribosomal DNA in Platelet Concentrates", JOURNAL OF CLINICAL MICROBIOLOGY, vol. 41, no. 10, 1 October 2003 (2003-10-01), pages 4796 - 4798, XP055167906, ISSN: 0095-1137, DOI: 10.1128/JCM.41.10.4796-4798.2003

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